

United States of America  
Department of Transportation — Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SA562EA-D

*This certificate, issued to* American Airlines, Inc.  
Maintenance & Engineering Center  
Tulsa, Oklahoma 74151

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 4b of the Civil Air Regulations.*

*Original Product — Type Certificate Number:* 4A26  
*Make:* Boeing  
*Model:* 707-323B

*Description of Type Design Change:* Installation of a PB-75 Dual Flight Guidance System and Lear Siegler Attitude Director Indicators.

This installation requires removal of the PB-20 Amplifier-Computer, Mach Trim Coupler, and existing Horizon Director Indicators.

(Continued on attached sheet)

*Limitations and Conditions:* This approval should not be extended to other specific airplanes of these models on which other previously approved modifications are incorporated unless it is determined that the interrelationship between this change and any of other previously approved modifications will introduce no adverse effect upon the airworthiness of that airplane. This installation requires concurrent or prior installation of an Air Data System per ARINC 576 (ref: STC #SA557EA-D, dated 11/13/70).

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* 7/16/69

*Date reissued:*

*Date of issuance:* 11/14/69

*Date amended:* 3/31/70; 11/13/70; 12/27/71



*By direction of the Administrator*

K. B. Olsen

(Signature)

DAS-154 Coordinator

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

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(Continuation Sheet)

*Number* SA562EA-D

Description of Type Design Change (Continued):

The installations, removals, and rework tasks required to produce the revised aircraft configuration are accomplished in accordance with American Airlines Engineering Change Orders (ECO's) B.03137C, B.03404B, B.03405B, B.03406A, B.03407B, B.03410D, B.03424A, B.03425A, B.03426, B.03427, B.03429A, B.03430, B.03431, B.03475, B.03476A, B.03477B, B.03572C, and B.03728C. The operation and limitations for this configuration are described in the FAA approved Airplane Flight Manual supplementary revision AAL-5, dated 12/27/71 to document D6-1588.15.

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*Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.*

INSTRUCTIONS : The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

### TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number \_\_\_\_\_

to *(Name of transferee)* \_\_\_\_\_

*(Address of transferee)* \_\_\_\_\_

*(Number and street)*

\_\_\_\_\_  
*(City, State, and ZIP code)*

from *(Name of grantor) (Print or type)* \_\_\_\_\_

*(Address of grantor)* \_\_\_\_\_

*(Number and street)*

\_\_\_\_\_  
*(City, State, and ZIP code)*

Extent of Authority (if licensing agreement) : \_\_\_\_\_

Date of Transfer : \_\_\_\_\_

Signature of grantor *(In ink)* : \_\_\_\_\_